



TECHNO-COMMERCIAL PROPOSAL

NAB Gate Valve PN 10 — DN400 Seawater Service, Complete with Spares (Revised Commercial Offer)

MARINE & SHIPBUILDING -- NAB VALVES

1. COVER LETTER

Dear Ms. Sara,

Further to our productive discussions and your confirmation requests dated 09 June 2026, we are pleased to submit this revised firm techno-commercial proposal for one (1) no. **NAB Gate Valve PN 10 — DN400 (16") Nickel-Aluminium-Bronze (ASTM B148 C95800) wedge gate valve, drop-in replacement with face-to-face L = 310 mm** per EN 558-1 and flanges per **EN 1092-1 PN10**, against your RFQ ref. drawing 2000400040010 Rev. 00.

This revised offer is on a **complete, all-inclusive basis** and now additionally covers, as discussed: the full spare parts kit (stem seal, seat seals), the **counter flanges in Cu-Ni alloy** matched to your CuNi5Fe-1 pipeline (drilled to EN 1092-1 PN10), and the **joint gaskets** for the valve-to-pipeline bolted connection.

This proposal also serves as our written confirmation of the technical and commercial points raised in your email dated 09 June 2026 — please refer to our point-by-point response in the covering email.

All prices are quoted firm in United States Dollars (USD), Ex-Works Ahmedabad, India. This revised offer supersedes our Quotation No. SV/QTN/2026/ANY/001 dated 05 June 2026.

We trust this proposal meets your technical and commercial requirements and look forward to your confirmed purchase order.

2. CUSTOMER & PROJECT DETAILS

Quotation Reference	SV/QTN/2026/ANY/002
Quotation Date	10 June 2026
Customer	ANYROTARY TRADING L.L.C-FZ
Contact Person	Sara (Manager)
Email	sara@anyrotary.com
Phone	+971 50 269 9897
Address	Meydan Grandstand, 6th Floor, Meydan Road, Nad Al Sheba, Dubai, U.A.E.
Project / Location	Seawater Supply System — Marine / Industrial Pipeline
Application	Seawater supply system — wedge gate valve drop-in replacement
RFQ Subject	RFQ_Valve, Gate DN400 API 598 (drop-in replacement)
RFQ Date	03 June 2026

3. SCOPE OF SUPPLY

Sr	Description	Size	Qty	Unit Price (USD)	Total (USD)
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1	NAB Gate Valve PN 10 NAB Gate Valve PN 10 — DN400 (16") wedge gate valve, drop-in replacement, complete unit. Body, bonnet, wedge and yoke in ASTM B148 C95800 Nickel-Aluminium-Bronze; stem ASTM A182 F316; OS&Y rising stem, bidirectional, metal-to-metal seating with minimum 30 HRC hardfacing; flanged RF ends per EN 1092-1 PN10; face-to-face 310 mm per EN 558-1; seat leakage per API 598 (drawing ref. 2000400040010 Rev. 00). Supplied complete with full spare parts kit (stem seal – 1 set, seat seal – 3 sets), counter flanges in Cu-Ni alloy matched to CuNi5Fe-1 pipeline (drilled per EN 1092-1 PN10), joint gaskets for the valve-to-pipeline bolted connection, and sea-worthy export wooden crate packing. Specs: OS&Y rising stem Rigid wedge Seawater API 598 EN 1092-1 PN10 Drawing 2000400040010 All-inclusive offer	DN400 / 16"	01	18,715/-	18,715/-
Total Price (Ex-Works)					18,715/-

Amount in Words: Eighteen Thousand Seven Hundred Fifteen US Dollars Only

4. TECHNICAL SPECIFICATIONS

4.1 Item 1 — General Design & Service Conditions

Parameter	Specification
Valve Type	Bolted bonnet, outside screw & yoke (OS&Y), rising stem, rigid wedge gate valve
Nominal Size	DN400 (16")
Pressure Rating	PN10 per EN 1092-1 / ANSI Class 150# equivalent
Application	Seawater supply system — drop-in replacement
Working Medium	Seawater; salinity 9.7–13.15%; solids 50 g/L; particle size 1.0–2.0 mm
Temperature Range	–2°C to +40°C operating; 0°C to +40°C per RFQ
Flow Direction	Bidirectional
Actuation	Manual — handwheel operated (no electric actuator)
Seat Leakage	API 598 — metal-to-metal, tightness Class A
Design Life	35 years design service life; 3,000 full operating cycles
Installation	Any orientation; pipeline material CuNi5Fe-1 steel

4.2 Item 1 — Materials of Construction

Parameter	Specification
Body	ASTM B148 C95800 Nickel-Aluminium-Bronze (CuAl10Fe5Ni5) — sand cast
Bonnet	ASTM B148 C95800
Wedge / Gate	ASTM B148 C95800 with metal-to-metal seat; hardfacing min. 30 HRC
Stem	ASTM A182 F316 (AISI 316) stainless steel, blow-out proof
Stem Bushing / Sleeve	ASTM A182 F316
Gland Flange	ASTM A351 CF8M
Yoke	ASTM B148 C95800
Stem Nut	Aluminium bronze ZCuAl10Fe3
Handwheel	Ductile iron (EN-GJS-500-7)
Bonnet Gasket	Spiral wound SS316 + flexible graphite

Stem Packing	Flexible graphite (AF-1 grade equivalent), packed gland type
Fasteners	Stud bolts ASTM A193 B8M; nuts ASTM A194 8M

4.3 Item 1 — Dimensions & End Connections (per customer drawing)

Parameter	Specification
Face-to-Face (L)	310 mm per EN 558-1 (drop-in replacement dimension)
Flange Standard	EN 1092-1 PN10 RF
Flange OD (D)	565 mm
Bolt Circle (D1)	515 mm — 16 holes x Ø28 mm
Raised Face (D2)	482 mm; face height f = 4 mm
Flange Thickness (b)	26 mm
Bore (A)	406.4 mm
Overall Height (H)	1,815 mm (approx.)
Handwheel Diameter (W)	550 mm
Estimated Weight	Approx. 680–750 kg (subject to final foundry pattern)
Design Standards	EN 1984, EN 558-1, EN 1092-1, EN 12266, API 598, ASTM B148

4.4 Item 1 — Testing, Documentation & Spares

Parameter	Specification
Shell Test	1.5 x PN (15 bar) hydrostatic per API 598 / EN 12266
Seat Test	1.1 x PN (11 bar) hydrostatic per API 598
NDT	Dye-penetrant test (PT) on NAB castings per ASTM E165
MTC	EN 10204 3.1 mill test certificate with chemical & mechanical properties
Documentation	Packing list, valve passport/certificate, IOM manual, assembly GA drawing, test reports (English). Russian translation available on request.
Spare Parts Kit	Stem seal — 1 set; seat seal — 3 sets; counter flanges set — 1 lot
Packaging	Flange faces protected; valve palletized in wooden crate for outdoor storage and multimodal transport
Warranty	24 months from commissioning or 36 months from delivery, whichever is earlier
Marking	Manufacturer, valve designation, PN, DN, serial no., year, body material, climatic version, flow arrows

5. ENGINEERING NOTES

This valve is engineered as a **drop-in replacement** for an existing DN400 seawater gate valve, matching customer drawing reference **2000400040010 Rev. 00** and the specified face-to-face length of **310 mm**.

Nickel-Aluminium-Bronze ASTM B148 C95800 is selected for superior resistance to seawater corrosion, cavitation, and erosion in solid-laden media (50 g/L solids, 1–2 mm particles). The SS316 stem and graphite packing provide reliable stem sealing in the marine temperature range.

Metal-to-metal seating with minimum 30 HRC hardfacing is offered per your specification for long-term tightness in seawater service.

6. COMMERCIAL TERMS & CONDITIONS

HSN Code	8481.80.30
Revision	This quotation supersedes Quotation No. SV/QTN/2026/ANY/001 dated 05 June 2026 and is offered on an all-inclusive basis (valve + spares + Cu-Ni counter

	flanges + gaskets) as a single line item.
Price Basis	Ex-Works Supreme Valves Works, Ahmedabad, India — NET, USD
Currency	United States Dollars (USD) — firm
Exchange Rate Note	Indicative conversion: 1 USD = INR 95.00 (for internal reference only)
Quantity	1 piece as per RFQ
Delivery Time	10 to 12 weeks from confirmed purchase order and receipt of advance payment (NAB casting + machining)
Packaging and Forwarding	2% Extra
Payment Terms	50% advance with confirmed PO; balance 50% before dispatch against proforma invoice
Packing	Sea-worthy wooden crate packing for export — included
Freight / Insurance	To Dubai, U.A.E. — extra at actuals (FCA/EXW basis); we can quote DAP Dubai on request
Offer Validity	30 days from quotation date
Inspection	Final hydrostatic test and dimensional inspection at our works; third-party inspection (TPI) available at extra cost
Russian Documentation	Standard documentation in English included. Russian translation of passport, IOM, and GA drawing can be provided — please confirm scope at order stage
Jurisdiction	All disputes subject to courts at Ahmedabad, Gujarat, India

7. DOCUMENTATION

- EN 10204 3.1 Material Test Certificates (chemical composition per ASTM B148)
- Hydrostatic test reports (shell + seat) per API 598
- Dye-penetrant test (PT) reports on pressure-retaining castings
- Dimensional inspection report
- Installation, Operation & Maintenance (IOM) manual
- General arrangement / assembly drawing
- Packing list and valve passport / certificate

8. WARRANTY

Warranty period: **24 months from commissioning**, but not more than **36 months from delivery date**, against manufacturing and material defects when installed, operated, transported, and stored per our IOM instructions.

Exchange rate considered: 1 USD = INR 95.00 (indicative, for budgetary purposes). Final prices will be based on the exchange rate prevailing on the date of Purchase Order.

Yours faithfully,



Zahid Ranginwala
Director, Supreme Valves India



Gate Valve



Diaphragm Valve



Globe Valve



Check Valve



Needle Valve



Plug Valve



Butterfly Valve



Piston Valve



Relief Valve



Ball Valve